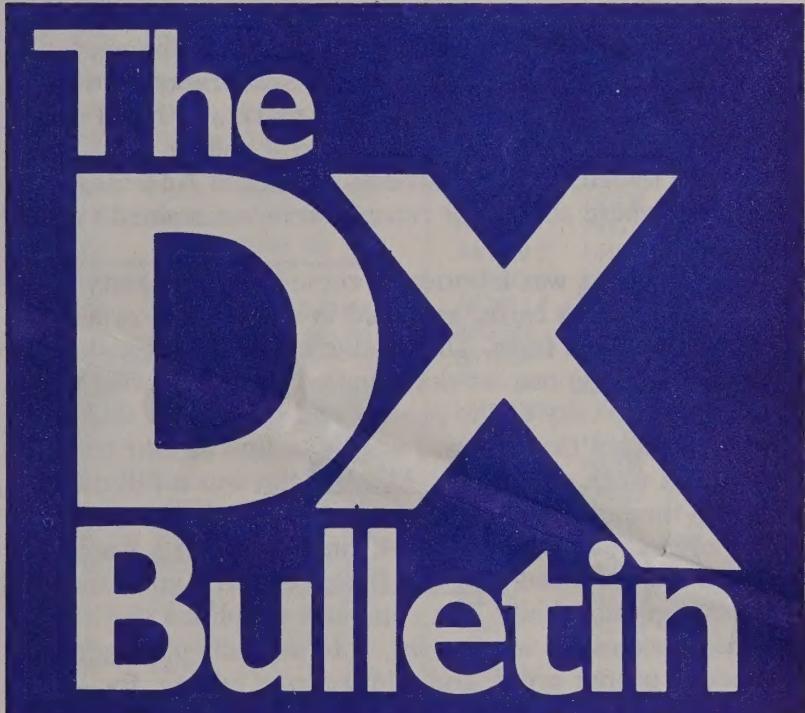


DXpedition News

Pacific Mats Persson SM7PKK enjoyed his first Pacific DXpedition so much that he is returning to the region this fall. He arrives in Fiji on October 19, and expects to be on as 3D2KK. Over the next 4-6 months, he will hop around to as many places as he can, until he runs out of money! Among the possibilities are West Kiribati T3Ø, Western Samoa (5W1HK), South Cooks (ZK1XV), Tokelau ZK3, and American Samoa KH8. On CW, he'll start 5 kHz up from the bottom of the band, listening 5 kHz up, and then move to 25 kHz up for US stations. On SSB, watch the usual DX frequencies. QSL his home call, but send a separate SASE for each operation, as he uses separate QSL managers. Address: Betesv. 22, S-240 10 Dalby, Sweden. Mats says that if you send a QSL card for one contact, he'll QSL all of your contacts with that operation. Mats was very active and very workable last year.

Edited by Chod Harris VP2ML



Grand Cayman - ZF Steve WA7HSD returns to Grand Cayman (NA-16) Sept. 10-22 as ZF2LG. CW and SSB, with SSB frequencies of 14190-200, 21275-300, and 28400-500. QSL to KB6SFD.

Southern Africa John Rouse KA3DBN will be in southern Africa for a month starting Sept. 15. He'll be on as ZS6JR for South Africa, and plans portable operation from Namibia ZS3, Walvis Bay ZS1, and the South African homelands of Bophuthatswana H5 and Transkei S8. He'll also try Swaziland 3DAØ, Lesotho 7P8, and Botswana A2.

Liechtenstein - HBØ HBØ/YT3RU will be operated by a large group of Yugoslavian amateurs Sept. 1-11, on CW, SSB, and RTTY, 160-10 meters. Usual DX frequencies. QSL to Drago Turin YU3ZV, 6925Ø G. Radgona, Yugoslavia, with 3 IRCs or US\$1, or via YU bureau.

August 11, 1989

Issue 500

Reserve Your Island

- John Crovelli W2GD will operate as P4ØGD from Aruba in the CQWW CW test, single op, all band. He'll be there Nov. 22-28, and outside the test, he'll be on 1833 kHz on the hour 01-06Z. At local sunrise, he'll beam Asia on 2Ø and 4Ø meters. In the contest, watch 16Ø meters on the hour 02-08Z, and 8Ø meters on the half hour. Warning: John says he will ignore partial calls. QSL to N2MM.
- Craig Maxey WB7RFA will operate the CQWW SSB on 1Ø meters as F55R from French St. Martin. He'll be there Oct. 24-31, and will sign FS/FG5DX outside the test. Craig also reports that he has a few IRCs for sale at \$0.55 each. Send a check for the appropriate amount and an SASE (one unit of postage per 25 IRCs) to him at P.O.Box 463, Lake Oswego OR 97034.
- Bill N1GL returns to Aruba as P4ØA for a serious single op, all band effort in CQWW SSB. He'll be there Oct. 24-30, and says to watch 1825 kHz on the hour 04-07Z Friday and Saturday. QSL KA1XN.

Shortly Noted

- Peter ZS8MI is finally falling into a pattern of operating. Try 1405Ø kHz 11-1400Z on Fridays. Check the long path as well as the direct path. Also, try 1421Ø or 1419Ø kHz 12-1400Z Thursdays. QSL ZS6PT.
- Claus Floesser DL2GBT reports he will be active as 9H3EH from Malta Sept. 21-Oct. 19, on 2Ø-6 meters, mostly SSB. QSL via the DL bureau or direct to him at Herrenstr. 21, D-7550 Rastatt, West Germany.
- UB5JRR and others are in Armenia to August 2Ø with the calls RG3G/UB4RXR, RG4G/UZ3WWZ, UG4G/UZ3WWZ, UG9G/RB4IRO, and RG/UB4JDM.
- I4VJV, IK4s DCS, CIE, IDW, and MTK will operate from Palmaria Island (EU-83) /IP1 August 21-24, CW and SSB, 16Ø-1Ø meters.
- TM7EU is the special call Sept. 9-1Ø from St. Andre le Coq, the geographic center of the Community of Europe. QSL FF6KDC.
- Regulars (callsign, frequency or band, UTC): 3B8CF 14029 1400Z; 3B8FQ 14009 1300Z; 4S7NE 14005 1230Z; 9X5AA 1402Ø long path 12-1400Z; BY4RB 1403Ø 1200Z; D68JL 14029 0340Z; FT4ZE 2ØM CW long path 1330Z; VU2IOC 2ØM CW 1230Z; 4S7VK 14175 1130Z; KC4USV 14206 1100Z; 5B4OG 18090 0200Z; RVØYF (Zone 23) 2101Ø 01-0400Z; S79MX 2105Ø 0330Z and 2000Z, and 21345 19-2000Z and 0300Z; PAØGAM/ST2 21024 21-00Z; VU2SU 15M CW 00Z; 9K2CS 2128Ø or so 2300Z; A92BE 2130Ø or so 18-2200Z and 0400Z; CEØDFL 2129Ø 0200Z; FH8CB 21316 0400Z; J28DN 2128Ø 0000Z; YI1BGD 21295 1900Z Saturday; ZB2IW 15M SSB 18-2300Z; and ZS1IS 2861Ø 1600Z Sunday.
- SSB net check-ins: 7159 kHz: KC4USV; 14222: 9X5KP ZK1CX TU2JL ZL7TZ 3D2ER; 14227: ZS1IS ZS8MI BV2FA 3B9FR 3DAØAH TU2JL 5NØMRD T3ØBC XX9JN V85HG 3D2AG P29CG T3ØBC BV2A 7X4BL; 1425Ø: YK1AA YK1AO JY5HH; 14256: FP89DX 3A2EE TL8RM TR8SA FT4ZE 6W6JX 9Q5BG TJ1MW JX7DFA FH8CB; 21335: EA9KQ 9X5KP 3DAØAH 9L1TH J28DN ZD9BV 9J2BO ZC4AB D44BS 5V4DP OY9JD 5N9GM D68JL.

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before	55 Days Before
August 1989		Date Flux A K	Date Flux A K
11	High Normal	7/15 181 07/10 1	6/17 288 07/09 2
12	Above Normal	7/16 179 02/06 1	6/18 260 05/09 2
13	High Normal	7/17 179 16/15 2	6/19 258 10/14 2
14	High Normal	7/18 185 16/20 3	6/20 244 26/24 4
15	Above Normal	7/19 189 04/08 1	6/21 236 06/08 1
16	Above Normal	7/20 188 05/07 2	6/22 225 07/09 2
17	Above Normal	7/21 190 08/09 2	6/23 230 09/09 3
18	High Normal	7/22 195 08/10 2	6/24 219 11/12 3
19	High Normal	7/23 190 12/11 2	6/25 213 06/11 1
20	High Normal	7/24 186 13/12 3	6/26 227 11/11 3
21	Above Normal	7/25 176 05/09 1	6/27 223 08/10 2

Propagation Watch

The superb band conditions continue! For yet another week, solar flux has remained in the 180-200 level, and the geomagnetic field has been quiet. This combination spells excellent DX propagation.

It has now been almost two months since the solar activity peak of mid-June that sent the solar flux soaring above 300. Although the number of sunspot regions remains very high (there were as many as 20 separate regions on the visible side of sun in early August), most of these regions are small, and magnetically simple. This means that they probably won't produce major flares, such as the series in June. Even the larger sunspot regions have not produced many flares, which is excellent news for DXers.

These conditions could change at any moment, as a single complex region can disrupt HF communications, as Region 5395 did in March. Keep an ear on WWV at 18 minutes after the hour, or on WWVH at 45 minutes after the hour, for the latest solar report.

In the absence of major flares, DXers will continue to enjoy some of the best band conditions in years. The long path on 20, 15, and even 10 meters at local dawn is very productive. 15 meters is open worldwide most days, and 10 meters is showing more life as days shorten in the northern hemisphere. The polar path in the early evening continues to provide lots of Indian Ocean and rare Oblast activity. Normally-difficult Zone 23 is readily available, for example.

Later in the evening, DXers get another shot at the long path, especially on 20 meters. Try pointing your antenna to either side of the south pole for best signal strength.

DXers should make good use of these excellent band conditions; we don't get them that often!

10 Years of The DX Bulletin

This is Issue 500 of The DX Bulletin, concluding 10 years of providing the best in DX news and comment to DXers around the world.

The DX Bulletin traces its roots back another 11 years, to the start of The West Coast DX Bulletin, edited by Hugh Cassidy WA6AUD, now a member of the DX Hall of Fame. Cass turned off the presses on July 18, 1979 after producing the most widely-read and respected DX newsletter anywhere. Don Busick K5AAD wanted to continue the tradition of the WCDXB, and persuaded Cass to part with his mailing list. Don tried to convince Tom Taormina K5RC to edit the publication, but Tom's other obligations prevented this. Tom did suggest the name for this publication, and soon lined up a capable editor: Jim Cain K1TN.

On August 15, 1979, Issue Number 1 was mailed to the former subscribers of the WCDXB. The first few issues were type-set and mailed from Texas, but the long production time between editing the newsletter in Connecticut to final mailing from Texas proved too slow for timely DX news, and in a couple of months, Jim acquired an offset press and folding machine, and was soon spending more time teaching himself the printing business than gathering DX news.

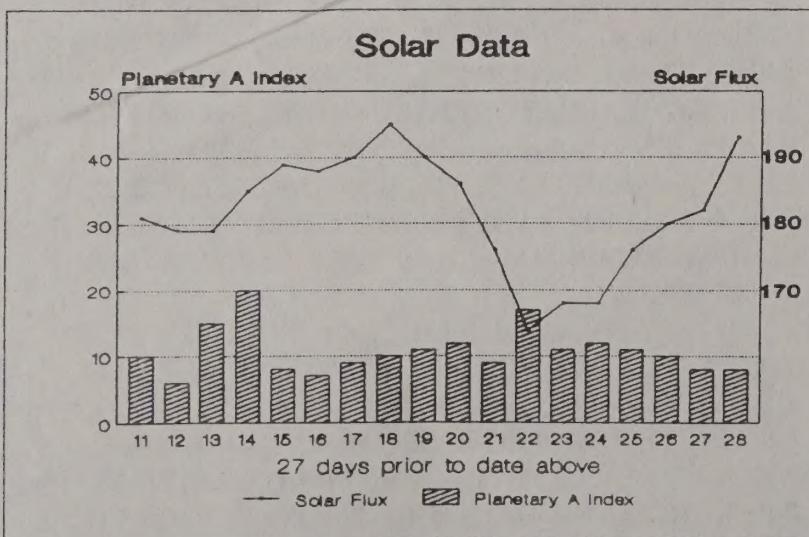
For the next five years, Jim would type the master copy of The DX Bulletin on an IBM Selectric typewriter, take it down to a local print shop to make a reduced copy, make a master plate, and start the press rolling. Each copy was then folded, and run through an ancient Addressograph machine, where subscriber records were maintained on small metal plates.

Bandpass was laboriously copied entry by entry onto color-coded index cards, arranged in alphabetical order, and retyped into final form. The production time required to get The DX Bulletin out the door limited news gathering time, and the complexity of the process and the special skills required meant that Jim was unable to find anyone to take over for a week or two. The DX Bulletin was a full-time job, with no time off, and no vacations.

Finally, In October, 1984, Jim purchased a Radio Shack computer, and The DX Bulletin moved into the world of 'desktop publishing.' The computer simplified the maintenance of the mailing list, automatically put Bandpass entries in proper order, and allowed easy editing. By contracting out the actual printing, folding, and mailing, Jim was able to reduce the time commitment to the point where he could take on an 'outside' job.

In March, 1986, Jim 'retired,' and turned over The DX Bulletin to its present editor. (Jim has kept his hand in the amateur radio publishing field; see his series on the USSR, which starts in the September issue of QST.)

The DX Bulletin now has a staff of four, with the addition of Joan Granucci this past week. Three IBM XT computers with more than 100 megabytes of memory, three heavy-duty computer printers, and tons of files fill the small office (conveniently located on top of a mountain). With more than 8,000 readers in 59 countries, The DX Bulletin is the mostly widely read DX newsletter in the world. Even with contracting out the back-breaking jobs of printing, folding, and labeling the issue every week, producing The DX Bulletin is a full-time job. And it's still impossible to take much time off, except for the short summer vacation (next week) and Christmas. Hope you enjoy it!



B . A . N . D . P . A . S . S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.

All "portable" calls listed with country of operation first, regardless of format used on the air.

RTTY

5Z4BH	21090	1941	25	NH
7P8DR	14090	1401	22	CO
GU0JCI	14094	2343	19	OH
HR2/	14091	0233	26	NH
JA6WFM				
HV3SJ	21090	1924	28	CO
HZ1AB	21083	1910	26	NY
OA4LS	14091	2359	26	NH
UA9CR	14091	0200	27	OH
UO4OWQ	14085	2328	24	OH
Y06JN	14091	0042	27	OH

160 Meters

VK7JH	1825	1143	23	CO
VP2VI	1834	0056	30	NJ
ZL2ANR	1832	1139	29	CO

75 Meters

FK8FU	3795	1153	27	WV
KX6DC	3801	1250	29	CO
YU1EXY	3790	0159	29	FL
ZS8MI	3795	0405	23	CA

40 Meters

BY5RA	7001	1250	23	CA
CE0OGZ	7004	1155	27	CA
CN2AQ	7005	0437	31	OR
EA8AB	7001	2210	22	SC
EA8AN	7098	0641	25	CO
LU2IP	7006	0035	23	SC
TL8RM	7011	0135	23	CT
VU2TEC *	7008	1310	31	WV
ZS6QU	7003	0050	23	SC

30 Meters

FO5JR	10104	1030	21	PA
Y24SD	10103	0202	22	PA

20 Meter CW

3B8CF	14027	1347	24	CO
3B8DB *	14013	1124	19	MA
3B8FQ *	14008	1321	29	CO
3D2AK	14029	1044	19	NH
4LOX	14021	0902	28	BC
4S7CR *	14019	1122	27	MA
4S7NE *	14007	1057	30	PA
4S7SE	14005	1155	28	PA
4S7SX *	14030	1251	30	IL
5V0AA	14020	0500	28	OR
5Z4FM *	14013	1420	1	WA
6D2DX	14027	1357	30	OR
7P8EL	14006	1450	29	CA
9M2JP	14035	1440	29	CA
9M2ZA	14037	1210	24	CA
9Q5DX	14020	0444	29	OR
9V0XW	14021	1325	30	CA
9X5AA *	14020	1221	25	FL
AP2ASA *	14041	1353	1	WA
BV2FA	14006	0951	28	CA
BY4CPA	14006	2115	27	CA
BY4CPA	14015	1315	29	OR
BY4RB	14031	1210	28	PA
D68JL	14029	0338	29	CA
EA9KD	14031	0443	27	IL
EL2EF	14002	1458	22	CA
EU2FM	14030	2205	30	NH
FK0BM	14055	0540	29	CA
FK8FA	14035	1124	20	MA
FT4ZE *	14007	1330	28	IL
HZ1AB *	14001	1352	30	OR
J52US	14025	0000	30	OR
JT1KAA	14039	2345	28	NE
KH3/KN0E	14021	1220	23	CO
KH2/NY6M	14032	1211	29	IL
PYOFF	14024	0252	22	PA

S79MX

14050 0130 29 NE

T20AA

14031 1055 26 PA

T32AB

14007 0410 24 AK

T5CT

14019 1238 28 CO

TA3D

14013 0330 28 MN

TF3HW

14008 1041 21 PA

TL8RM

14010 0625 24 CA

TL8RM

14015 2230 28 PA

TT8CW

14002 0145 20 PA

UG6GAW

*14009 1425 22 CO

UI8ADM

*14006 1120 24 MA

UJ8SA

14017 0232 27 PA

VU2IOC

*14014 1224 29 PA

VU2MAI

14035 1440 29 CA

VU2TTC

14006 1210 29 IA

YJ8JS

14042 1055 10 PA

YN3CC

14006 1310 29 NH

ZS5LB

*14033 1412 29 CA

ZS8MI

*14050 1100 28 CT

HZ1AB

18080 1540 23 SC

SM7FTC

18086 0316 17 FL

TF3IRA

18075 2258 24 SC

YB4FNN

18069 1708 23 SC

YE0AX

18072 1325 23 SC

17 Meter SSB

18141 2035 26 TX

C6ARC

18128 0220 28 TX

GI0JPR

18158 0146 28 TX

GJ3RAX

18112 0014 28 TX

HC5K

18150 1220 18 FL

HP3FL

18118 2145 26 TX

HZ1AB

18151 2310 27 TX

J52US

18132 2311 24 EU

VP2VM

18113 1946 24 TX

ZL2BT

18124 0449 27 ON

15 Meter CW

21029 0334 22 CO

4F1BYN

21027 1313 30 ID

4L0X

21019 0354 30 CA

4S7GF

21017 0046 22 PA

9V0YC

21020 0031 30 WV

9V1XI

21005 1440 25 NB

9V1YC

21025 1625 29 IL

FR4FD

21027 0452 24 MD

FR5DD

21048 0416 25 NJ

HC5AI/7

21010 0328 31 OR

JT1KAA

21019 0050 29 FL

JT9C

21035 0225 24 CO

JY9SR

21033 0144 21 PA

KH3/KN0E

21023 0806 25 CO

KH2/NY6M

21048 1436 29 NH

OY1CT

21034 1345 30 CA

RA0YFH

21012 0515 24 CA

RL7JA

21008 0419 28 CO

RV0YF

21007 0118 22 CO

S79MX

21050 0336 1 PA

S79MX

21051 2033 27 PA

ST2/

21027 2242 26 TN

PA0GAM

21024 2117 31 CA

SV4AAQ

21028 1406 26 NH

SV9ADH

21024 2305 26 TN

SV9TJ

21020 2110 24 SC

TA2AO

21015 1401 29 MN

TA3D

21015 1451 21 MA

TA3D

21012 0332 27 CA

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Calendar

Issue 500 - August 11, 1989

(Changes and hot info in **boldface**.)

American Samoa - KH8	N2HNQ/KH8	Aug. 7-13	I498
Amsterdam Island	FT4ZE	20M CW long path	I330Z I500
Armenia - UG6	UG6GAW	14009 02Z; 21005	I499
Bahrain - A9	by UB5JRR et al to Aug. 20	A92BE 21300 or so	18-2200Z I500
Bouvet - 3Y	In December?	I497	
Burkino Faso - XT	XT2CW/XX by DK7PE	Aug. 6-12 I498	
Caribbean	by PA0CRA	Aug. 14-28 I499	
Chagos - VQ9	VQ9RF	13220 long path 1300Z I499	
China - BY	BY4RB	14033 kHz 1200Z I500	
Christmas Is. - T32	T32AB	21240 0330Z I499	
Conway Reef - 3D	Nov. 3-13 by OH1RY et al	I492	
Djibouti - J2	J28DN	21280 0000Z I500	
Easter Island - CE0	ce0df1	21290 0200Z I500	
Eastern Carolines	KC6MS	on 6 meters Sept. I498	
Egypt - SU	SU1EK	21230 kHz 0100Z I499	
Faroes - OY	OY1CT	14020 kHz 0000Z I498	
Gibraltar - ZB	ZB2IW	15M SSB 18-2300Z I500	
Grand Cayman - ZF	ZF2LG	Sept. 10-22 I500	
Guinea-Bissau - J5	J52US	28495 1200Z I498	
Guyana - 8R	8R1J	15M CW 2130Z I498	
India - VU	VU2IOC	20M CW 1230Z I500	
ITU - 4U1ITU	multi-multi	CQWW CW I497	
Iraq - YI	YI1BGD	21295 1900Z Saturday I500	
Johnston Is. - KH3	KN0E/KH3	15M CW 0430Z I497	
Jordan - JY	JY9SR	21029 kHz 0130Z I499	
Liechtenstein - HB0	HB0/DF9GR	Aug. 4-13 I499	
Malta - 9H	HB0/YT3RU	Sept. 1-11 I500	
Marion Island - ZS8	9H3EH	Sept. 21-Oct. 19 I500	
Mauritius - 3B	ZS8MI	14050 10-1300Z Fri. I500	
Mayotte - FH	or 14180, 193, 212	13-1500Z I499	
Mexico - 4C	3B8CF	14029 1400Z I500	
Mongolia - JT	3B8FQ	14009 1300Z I500	
Oblasts -	FH8CB	21316 0400Z I500	
138 UA0I	in WAE CW by NM2Y	I499	
014 RF8Q	JT9C	West Mongolia to Aug. 18 I499	
052 UI8T	JT1KAA	15M SSB often I497	
Pakistan - AP	034 UM4N UW4CF	August 3-13 I496	
Papua-New Guinea	UV3DDC	to September I494	
Reunion Is. - FR	UW3DM	September I498	
	UA3EAC/RF5Q	September I498	
	AP2AD	21282 0200Z I497	
	P29PL	14003 1030Z I499	
	FR4FD	20M CW 1330Z I497	

Rwanda - 9X	Sable Island - CY0
St. Helena - ZD7	St. Kitts - V4
Sao Tome - S9	Seychelles - S7
Somalia - T5	South Georgia - VP8
South Shetlands	Sovereign Bases - ZC
Sri Lanka - 4S	Sudan - ST
Svalbard - JW	Syria - YK
Tadzhik - UJ	Taiwan - BV
Tanzania - 5H	Thailand - HS
Turkey - TA	Walvis Bay - ZS1
West Malaysia - 9M2	Zimbabwe - Z2
Zone 23	

9X5AA	14020 long path	12-1400Z I500
CY0DXX	Aug. 6-13	I494
ZD7VC	28470 1330Z	I499
CQWW	SSB M/S operations	I496
S92LB	21280 2000Z Mon.	I498
S79MX	21050 030, 20Z	I500
T5CT	15M SSB 0400Z	I498
VP8BUB	40M SSB 2200Z Tu/Th	I499
HL5BDS	28020 14-1700Z	I493
ZC4MK	15-meter SSB 0500Z	I499
4S7VK	14175 1130Z	I500
4S7NE	14005 1230Z	I500
PA0GAM/ST2	21024 21-00Z	I500
SP8UFO/JW	to Sept. ?	I499
YK1AO	20M CW 0230Z	I497
UJ8KA	21005 0100Z	I499
BV4QA	14025 1400Z	I499
5H3TW	21020 21-2300Z	I499
HS0B	14210 1300Z	I497
TA3/DL5XX	Aug. 5-17	I499
ZS1IS	28610 1600Z Sundays	I500
ZS1IS	Aug. 27-Sept. 10	I498
9M2ZA	14032 10-1200Z	I498
Z21FN	14025 long path 1300Z	I497
RV0YF	21010 23-0200Z	I499

DX Activities and Contests

<u>Date</u>	<u>Event or Activity</u>	<u>Info</u>
August 12-13	European CW Test	CQ
August 19	SATRG RTTY Contest	CQ

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, AA4NC, AA6PI, AB8K, G6LAU, K0CVD, K0KES, K1JKS, K4II, K6NA, K7ABV, K8CV, K8NEU, K9LJN, K9UIY, KA6A, KB1NS, KC3J, KC3NE, KC8FS, KC9AL, KD0ZR, KD7SO, KJ4BK, KJ4GK, KM4KJ, KM9J, KN7K, KY0A, N2HOS, N4XR, N6IBP, N9QX, NX7K, VE1ACK, VE3NN, VE7COP, W1BFT, W1BWS, W1CYB, W1HH, W3CRH, W3FM, W3ULI, W5LLU, W5LLY, W6AUG, W6BJI, W6UQF, W7AYY, WA1NPZ, WA1WTP, WA6CTA, WA6KAA, WA9AQE, WB4OSN, WB5MTV, WB8ZRL, WC6I, WJ7R, WL7BEM, WX7K, W2GD, WDX9JUG, K8RWL, K2PEQ, KQ3S, WA8LLY, SM7PKK, WA7HSD, KA3DBN, YU3ZV, WB7RFA, N1GL, DL2GBT, LN-DX, and NCDXC. (Thanks a lot! -ed.)

